

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A database management system connected to a plurality of storages for storing a plurality of data items, comprising:

- a storage area correspondence table for data items to be determined to be sharedly stored among said plurality of storages;
- a storage having a first storage area corresponding to a plurality of storages for storing a plurality of data items and having a second storage area corresponding to a storage to be added to or disconnected from said plurality of storages;
- an acceptance section connected to the storage for accepting a data processing request, said data processing request including data processing in said plurality of storages and data rebalance between said plurality of storages, wherein said acceptance section adds copy position information to copy source data when said request includes data processing causing to add a storage; and
- a plurality of executors connected to said acceptance section for sequentially executing ~~at least any of both~~ the data processing in the plurality of storages and the data rebalance, each of said plurality of executors comprising means for determining to move data among said plurality of storages and said storage added by said acceptance section based on said copy position information.

2. (currently amended) A database management system as set forth in claim 1, wherein said ~~storage has a storage area correspondence table showing~~ shows combinations of predetermined data items to be shared by said plurality of storages according to said request of addition or disconnection to cause the data rebalance between the storages.

3. (currently amended) A database management system as set forth in claim 1, wherein said acceptance section has a rebalance flag set when said data rebalance is being executed and indicating that said plurality of storages are being rebalanced due to addition or disconnection to said plurality of storages, and said acceptance section, in response to a data processing request to said data items stored in said plurality of storages, refers to said rebalance flag and reflects data update ~~even on~~ during the storages subjected to the data rebalance.

4. (original) A database management system as set forth in claim 3, further comprising means, in response to a rebalance request of data to be rebalanced in a storage added according to said addition request, for adding data position information to data before subjected to the rebalance execution by said data rebalance request in said plurality of storages, and means for deleting the data added with the data position information and before subjected to execution of the rebalance execution after the execution of the rebalance execution by the rebalance

request.

5. (original) A database management system as set forth in claim 1, further comprising means, in response to a rebalance request of data to be rebalanced in a storage added according to said addition request, for adding data position information to data before subjected to the rebalance execution by said data rebalance request in said plurality of storages, and means, in response to said data processing request of update or delete to data in said plurality of storages, for deleting data corresponding to the data to be updated or deleted but added with said data position information after the rebalance execution.

6. (currently amended) A database management program installed in a database management system connected a plurality of storages for storing a plurality of data items via an interface, said program being capable of being read by a computer, said program comprising the steps of:

preparing a storage area correspondence table for items to be determined to be sharedly stored among said plurality of storages;

setting first information indicative of a plurality of storages for storing the plurality of data items in a first storage area;

setting second information indicative of a storage to be subjected to a request of add or disconnect to said plurality of storages in a second storage area;

accepting a database processing request at an acceptance section connected

to said storages, ~~said~~ said database processing request including processing of data in the plurality of storages and data rebalance between said plurality of storages to add copy position information to copy source data when said request includes data processing causing to add a storage; and

~~sequentially-executing at least any both~~ of the data processing in the plurality of storages and the data rebalance in a plurality of executors after determining to move data among said plurality of storages and said storage added by said step of accepting based on said copy position information.

7. (currently amended) A database management program as set forth in claim 6, ~~further comprising a step of storing in said storages a storage area wherein~~ said correspondence table ~~showing~~ shows combinations of predetermined data items to be sharedly stored by said plurality of storages in response to said request of addition or disconnection to cause data rebalance between the storages.

8. (currently amended) A database management program as set forth in claim 6, further comprising a step of setting rebalance information indicating that said plurality of storages being rebalanced due to addition or disconnection to the plurality of storages in a rebalance flag set when said rebalance is being executed, and a step of, in response to a data processing request to said data items stored in said plurality of storages, referring to said rebalance flag and reflecting data update ~~even~~ on-during the storages subjected to the data rebalance.

9. (original) A database management program as set forth in claim 8, further comprising a step of, in response to a rebalance request of data to be rebalanced in a storage added according to said addition request, adding data position information to data before subjected to the rebalance execution by said data rebalance request in said plurality of storages, and a step of deleting the data added with the data position information and before subjected to execution of the rebalance execution after the execution of the rebalance execution by the rebalance request.

10. (original) A database management program as set forth in claim 6, further comprising a step of, in response to a rebalance request of data to be rebalanced in a storage added according to said addition request, adding data position information to data before subjected to the rebalance execution by said data rebalance request in said plurality of storages, and a step of, in response to said data processing request of update or delete to data in said plurality of storages, deleting data corresponding to the data to be updated or deleted but added with said data position information after the rebalance execution.

11. - 23. (canceled)

24. (currently amended) A program read into a computer and run over a database under control of a computer to execute steps for database management,

comprising the steps of:

at the time of starting the program, confirming presence or absence of an area for storing information for identification of an additional storage for storing table data and information indicative of 'in rebalance operation' during which data is moved from a plurality of storages to said additional storage in accordance with a predetermined division rule of table data to be stored among said plurality of storages and said additional storage, and, in the absence of the area, securing said area when data processing in said plurality of storages is executed.